

For Research Use Only

hIST1 Monoclonal antibody, PBS Only



Catalog Number: 66989-1-PBS

Basic Information

Catalog Number:

66989-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG28364

GenBank Accession Number:

BC000430

GeneID (NCBI):

9798

UNIPROT ID:

P53990

Full Name:

KIAA0174

Calculated MW:

40 kDa

Observed MW:

40 kDa

Purification Method:

Protein A purification

CloneNo.:

1E12A7

Applications

Tested Applications:

WB, IF, IHC, Indirect ELISA

Species Specificity:

Human, Mouse, Rat

Background Information

Human increased sodium tolerance-1 (hIST1), encoded by KIAA0174 gene, is a newly reported endosomal sorting complexes required for transport (ESCRT)-III family member.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

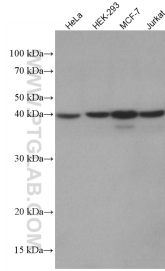
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

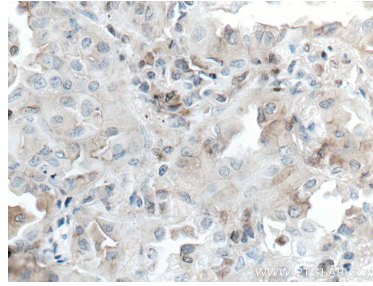
E: proteintech@ptglab.com
W: ptglab.com

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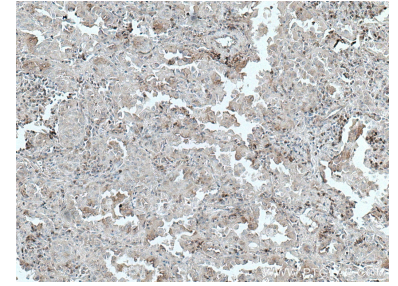
Selected Validation Data



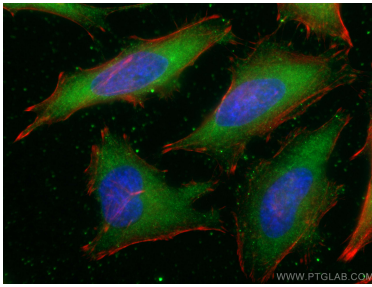
Various lysates were subjected to SDS PAGE followed by western blot with 66989-1-Ig (h1ST1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66989-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66989-1-Ig (h1ST1 antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66989-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66989-1-Ig (h1ST1 antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66989-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using h1ST1 antibody (66989-1-Ig, Clone: 1E12A7) at dilution of 1:400 and CoralLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red). This data was developed using the same antibody clone with 66989-1-PBS in a different storage buffer formulation.